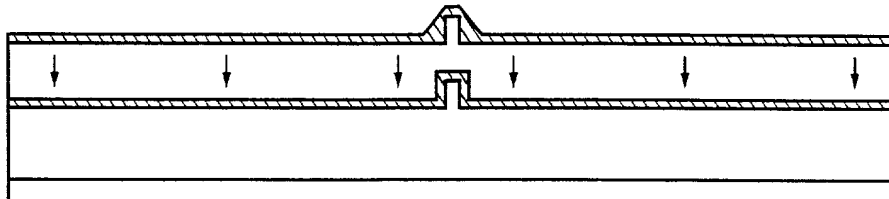
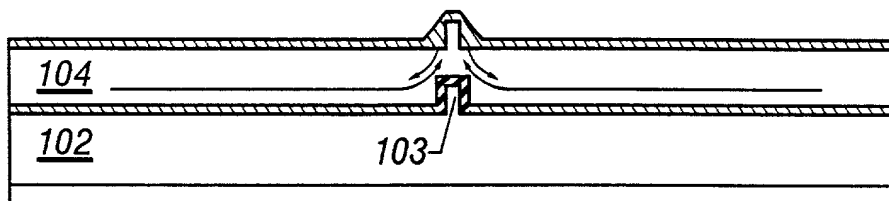


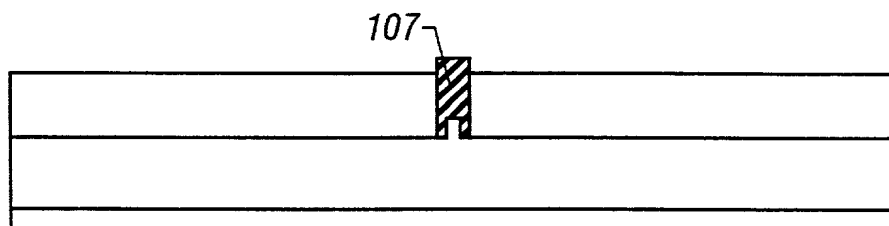
**FIG. 1A**



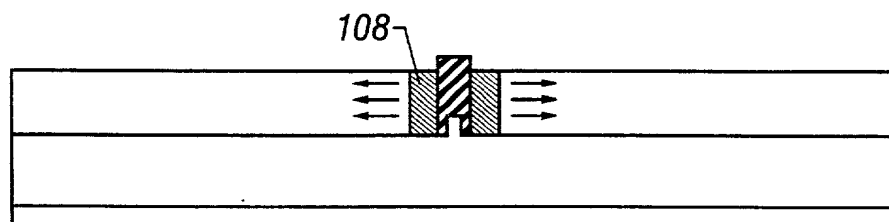
**FIG. 1B**



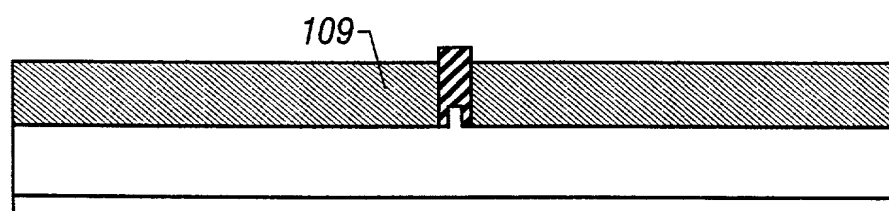
**FIG. 1C**



**FIG. 1D**



**FIG. 1E**



**FIG. 1F**

HEAT TREATMENT IN HALOGEN CONTAINING GAS

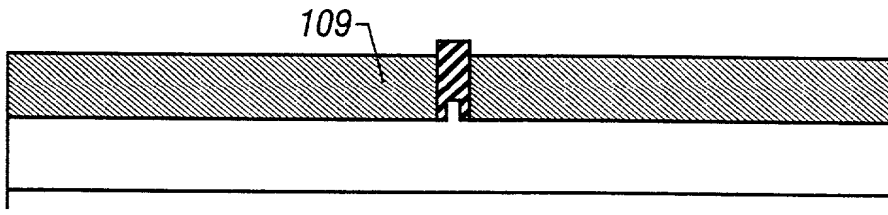


FIG. 2A

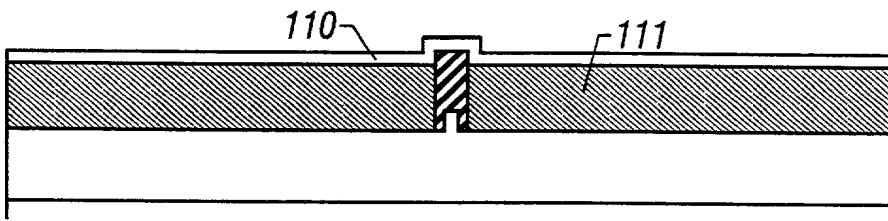


FIG. 2B

REMOVAL OF THERMAL OXIDE

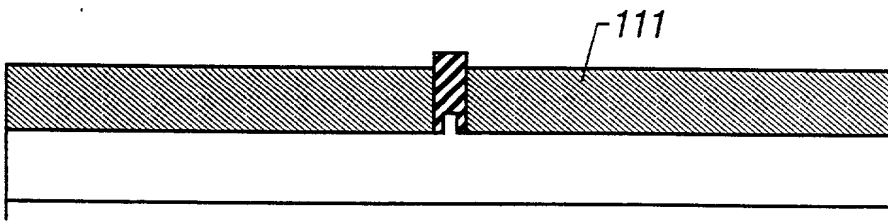


FIG. 2C

FIG. 3A

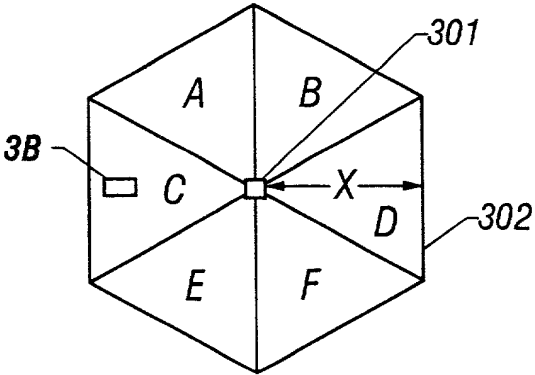
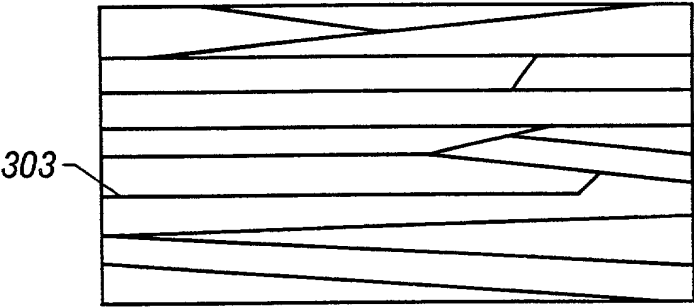


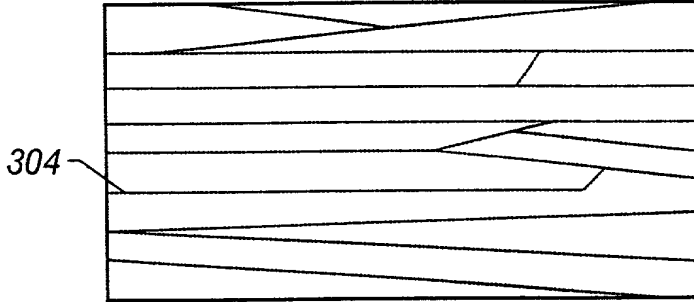
FIG. 3B



ANNEAL IN A HALOGEN



FIG. 3C



4/18

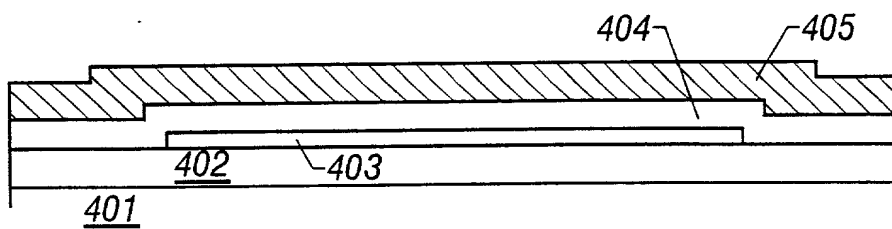


FIG. 4A

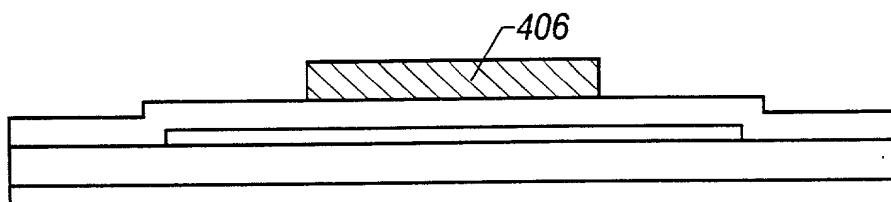


FIG. 4B

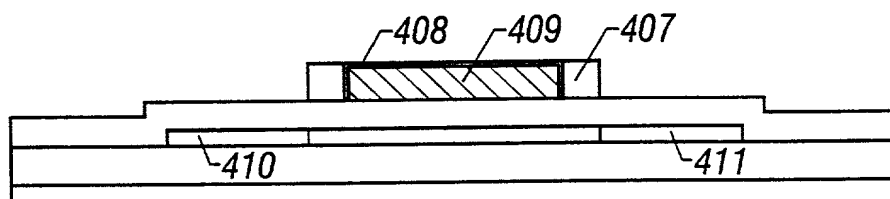


FIG. 4C

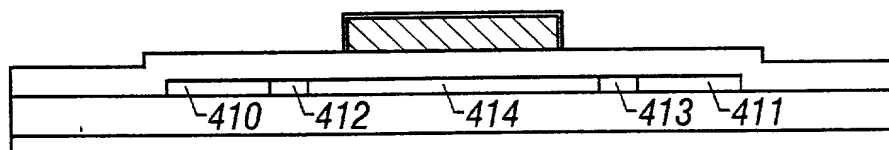


FIG. 4D

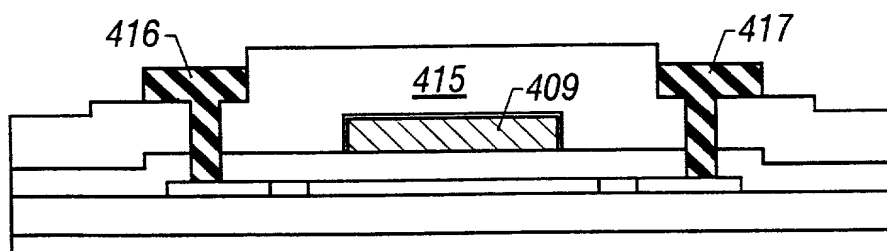


FIG. 4E

5/18

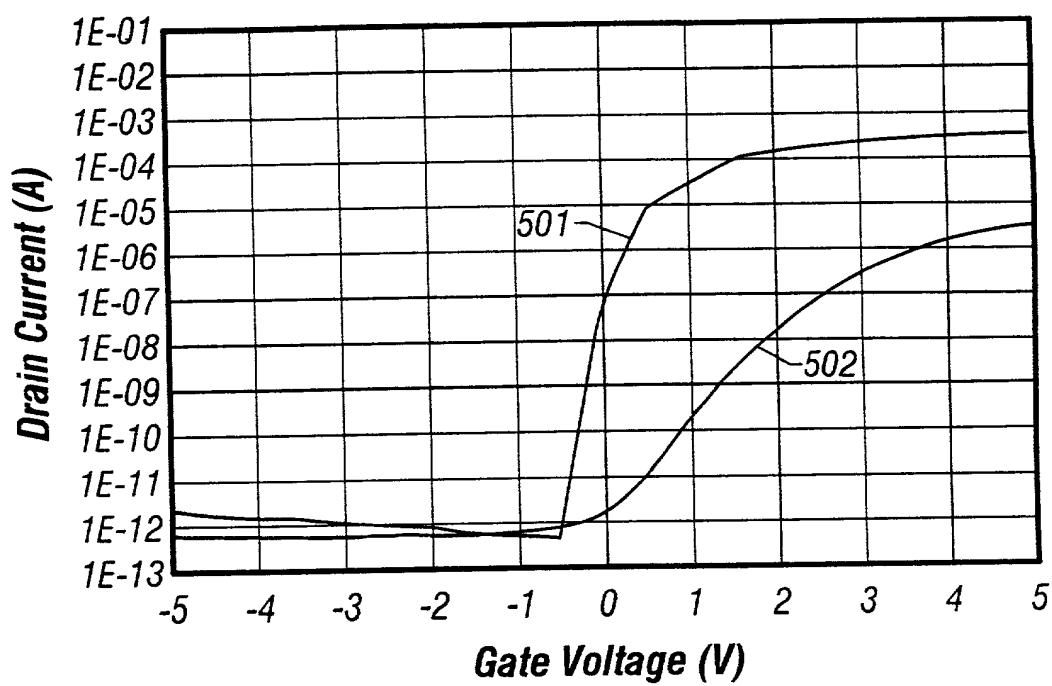


FIG. 5

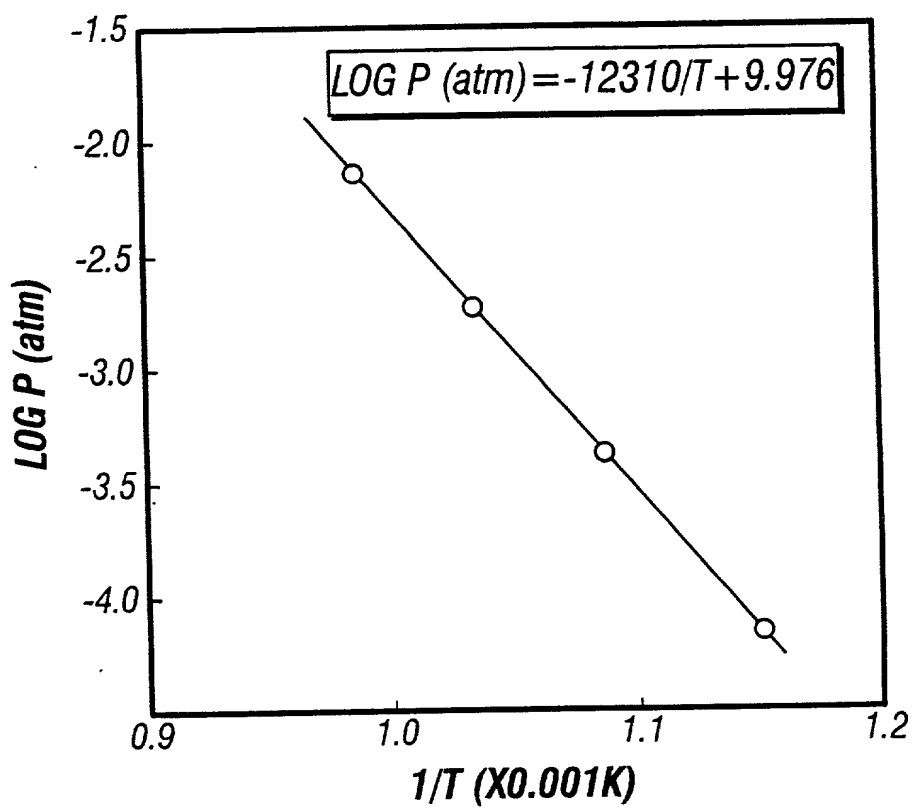


FIG. 6

6/18

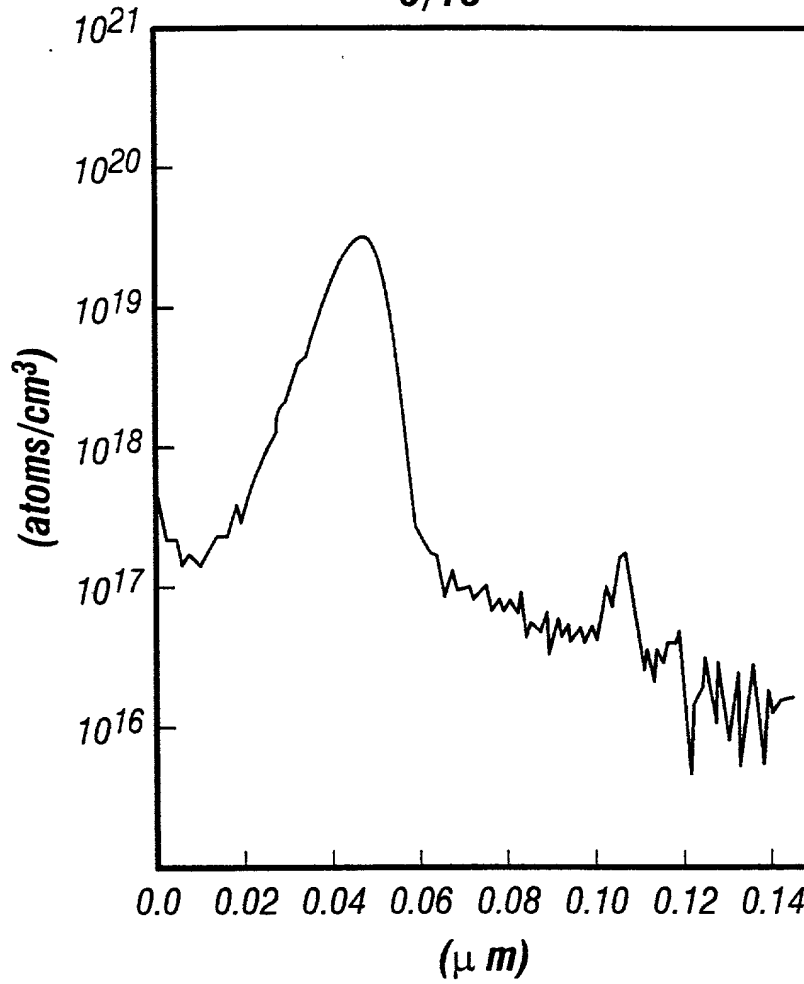


FIG. 7

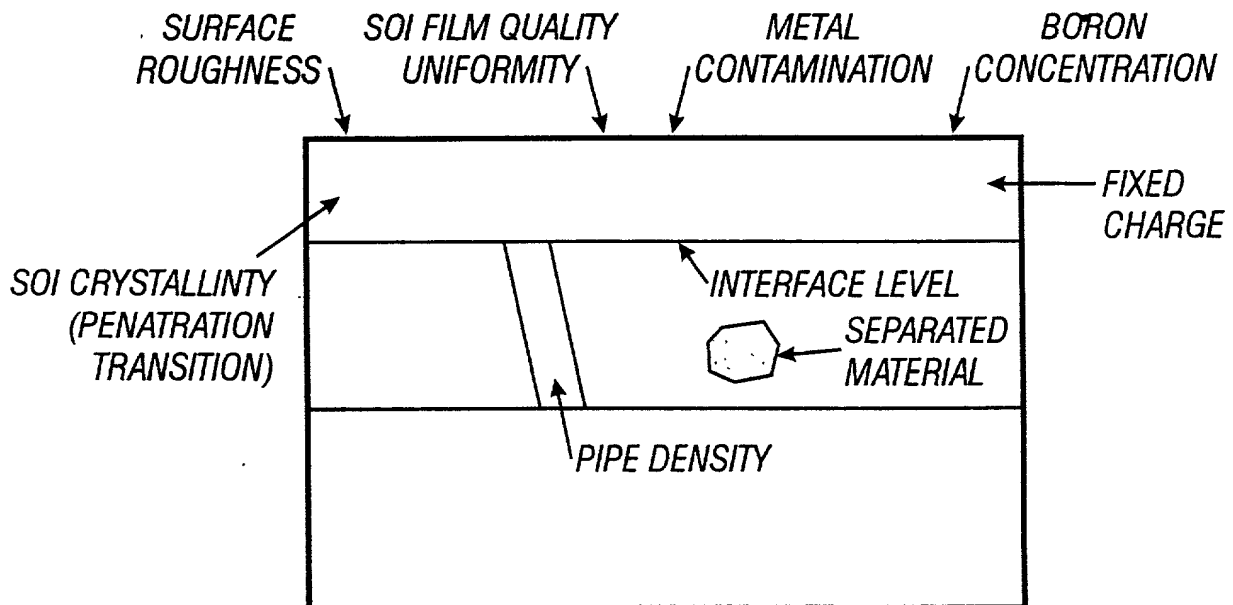


FIG. 8

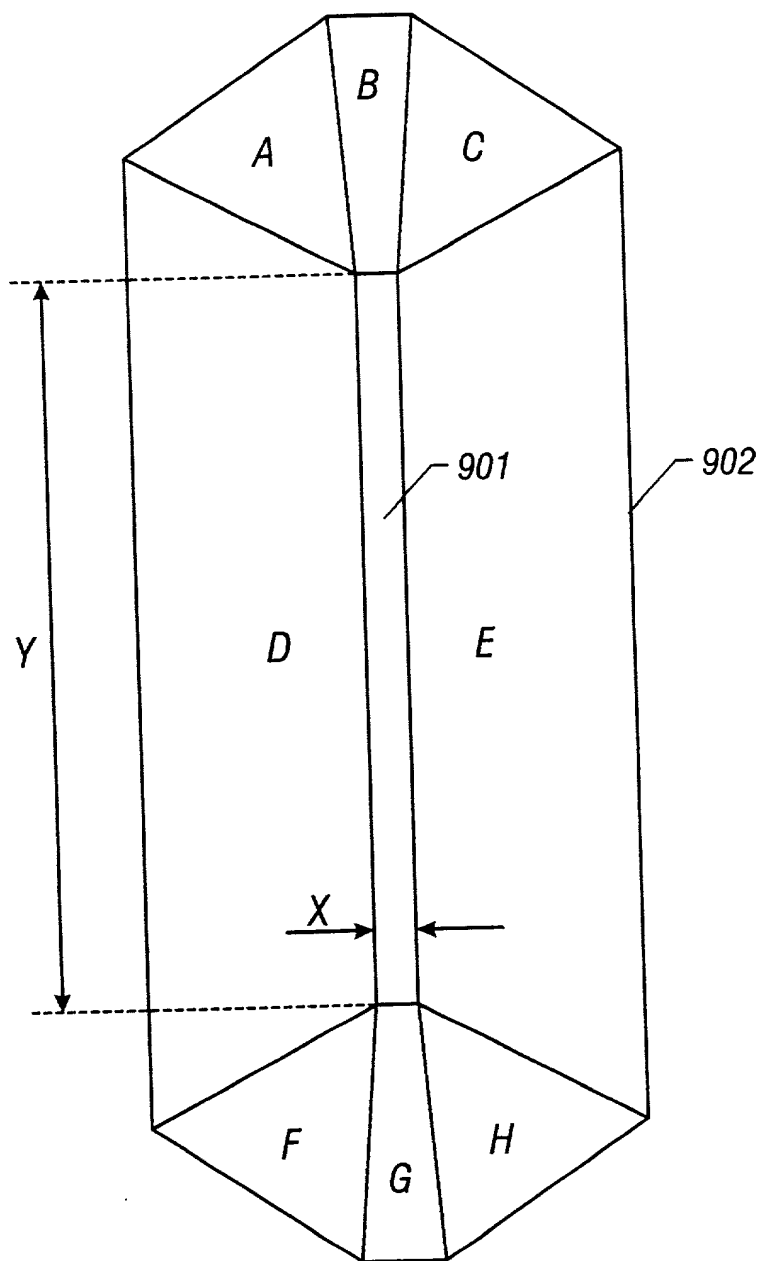
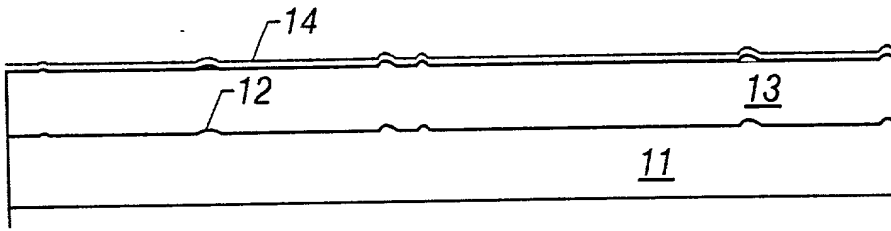
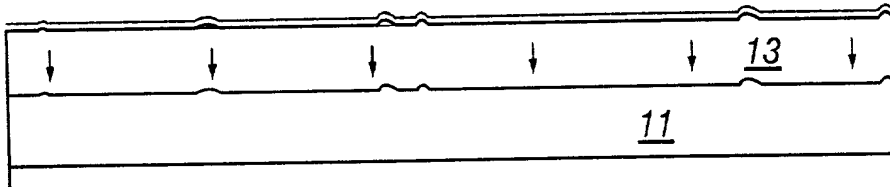


FIG. 9

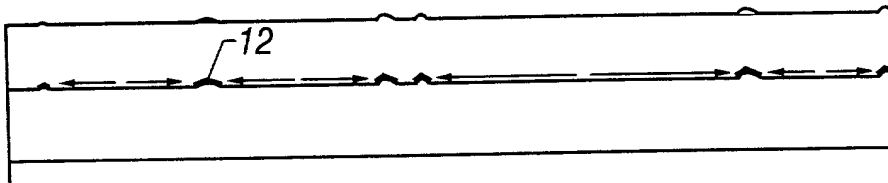
8/18



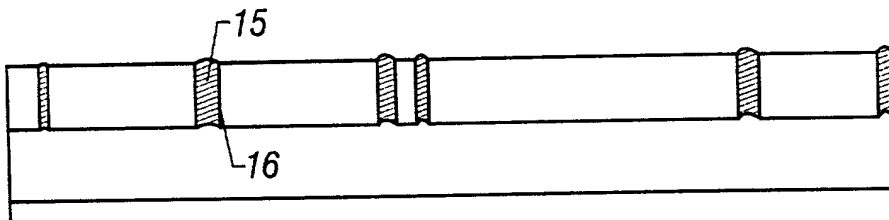
**FIG. 10A**  
(Prior Art)



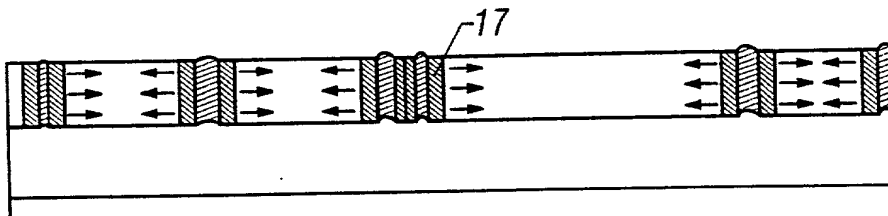
**FIG. 10B**  
(Prior Art)



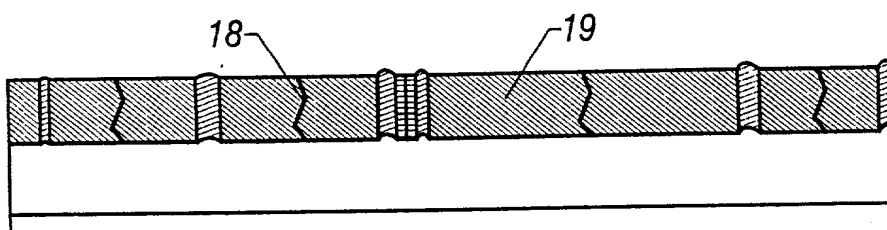
**FIG. 10C**  
(Prior Art)



**FIG. 10D**  
(Prior Art)



**FIG. 10E**  
(Prior Art)



**FIG. 10F**  
(Prior Art)



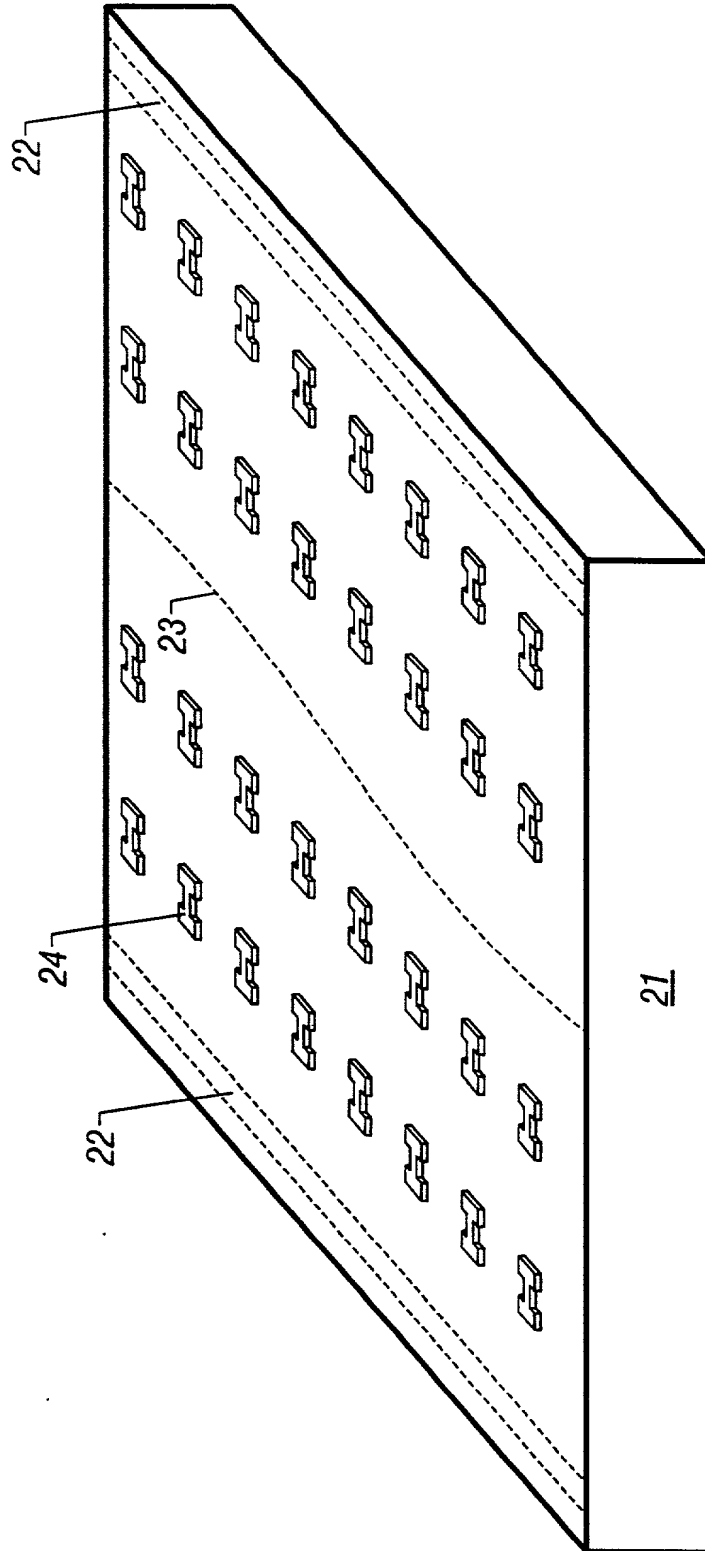
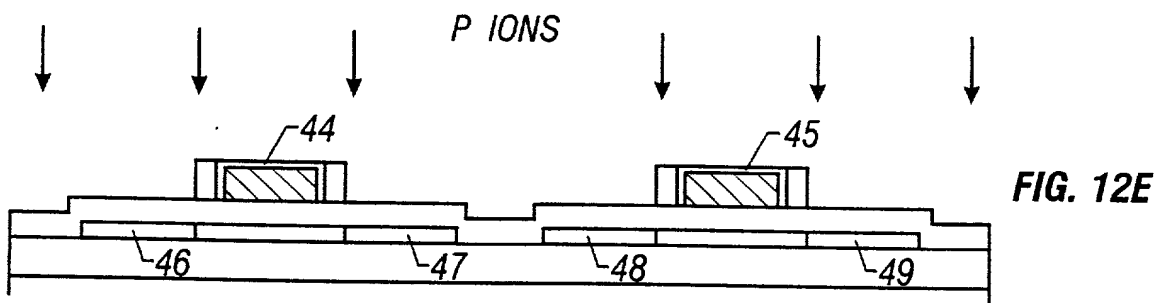
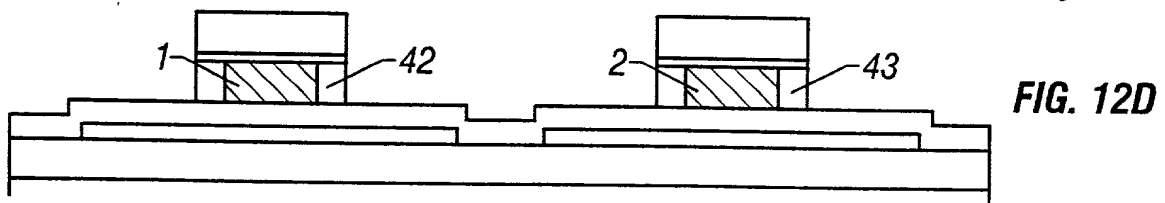
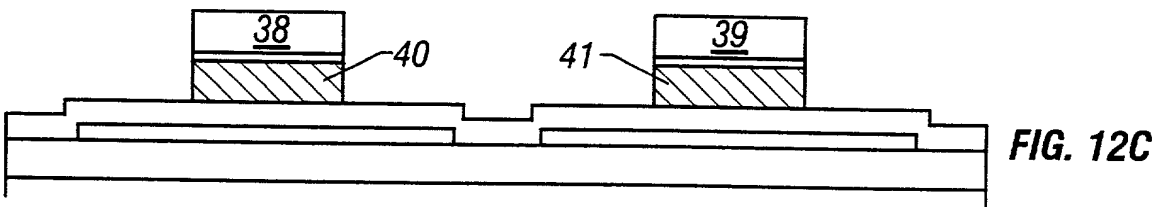
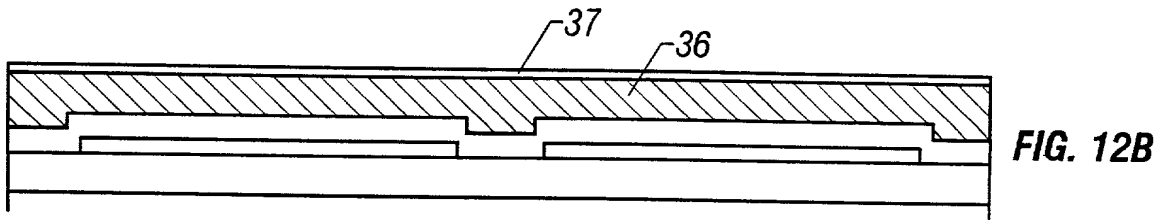
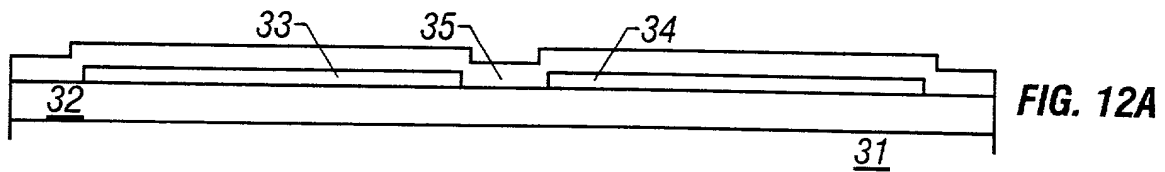


FIG. 11

10/18



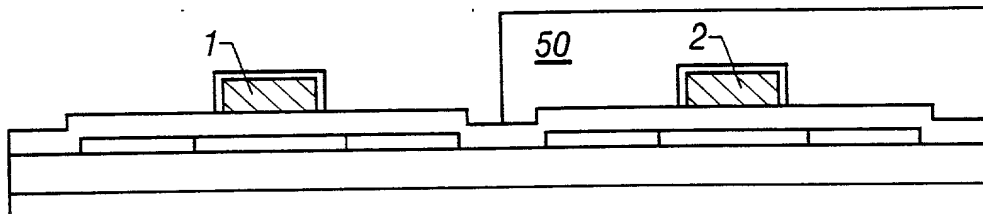


FIG. 13A

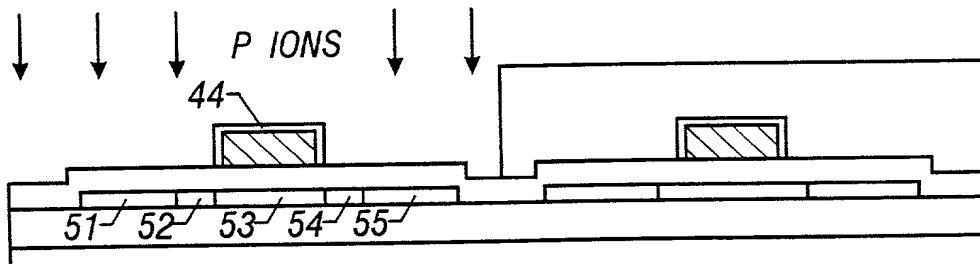


FIG. 13B

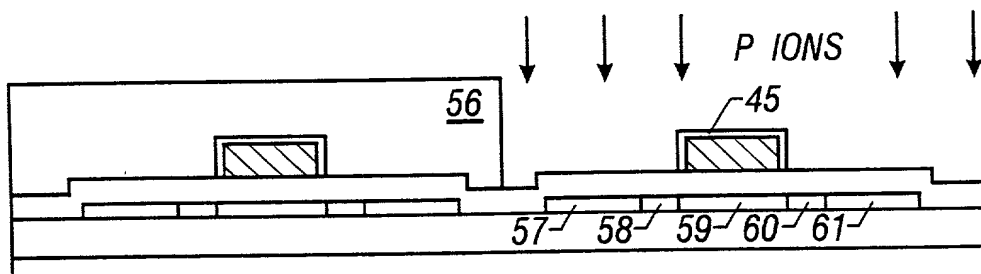


FIG. 13C

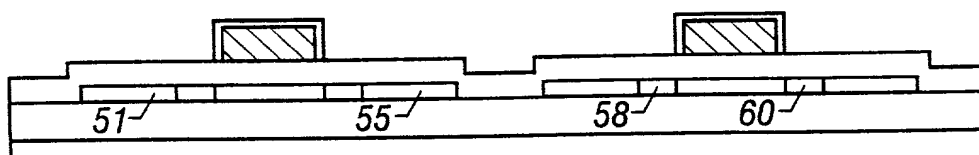


FIG. 13D

12/18

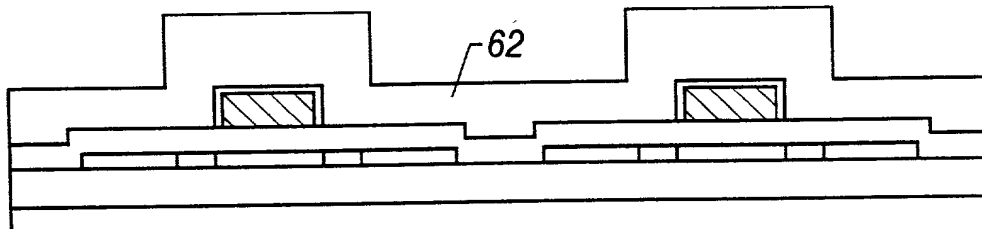


FIG. 14A

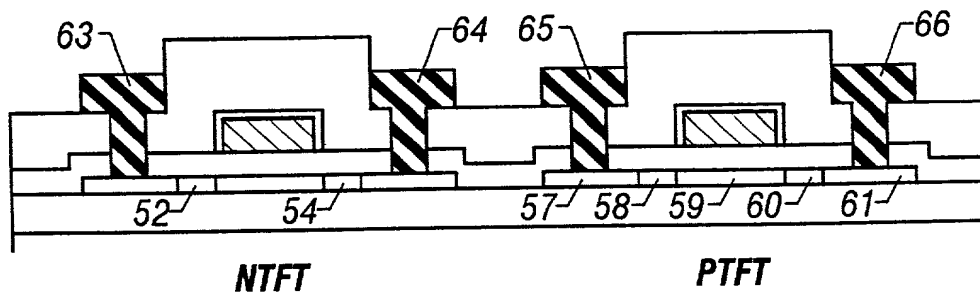


FIG. 14B

13/18

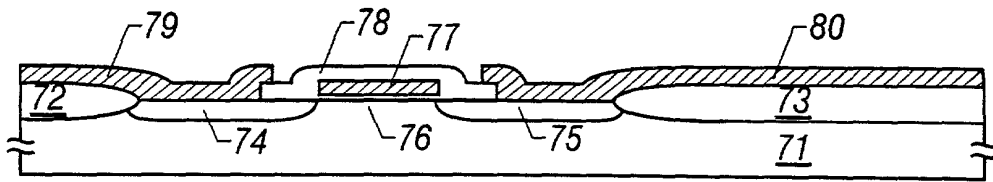


FIG. 15A

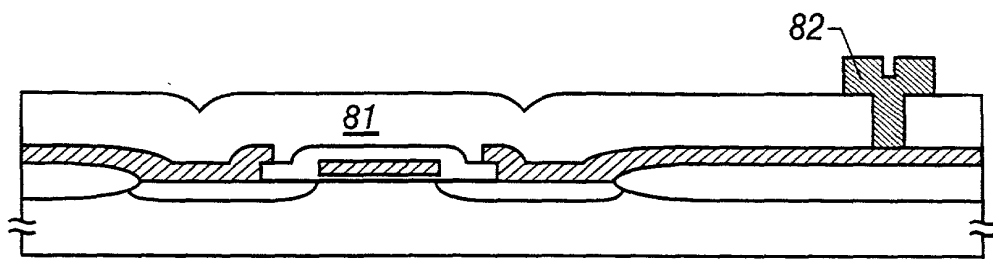


FIG. 15B

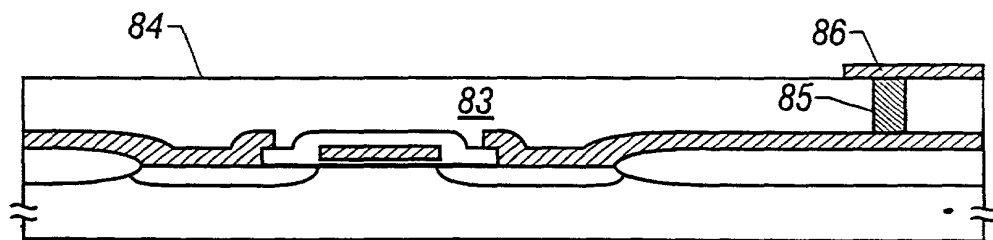


FIG. 15C

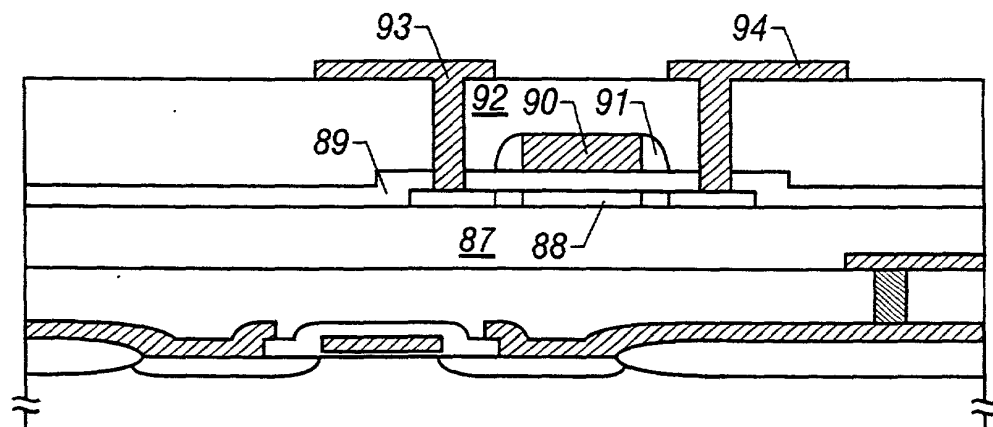


FIG. 15D

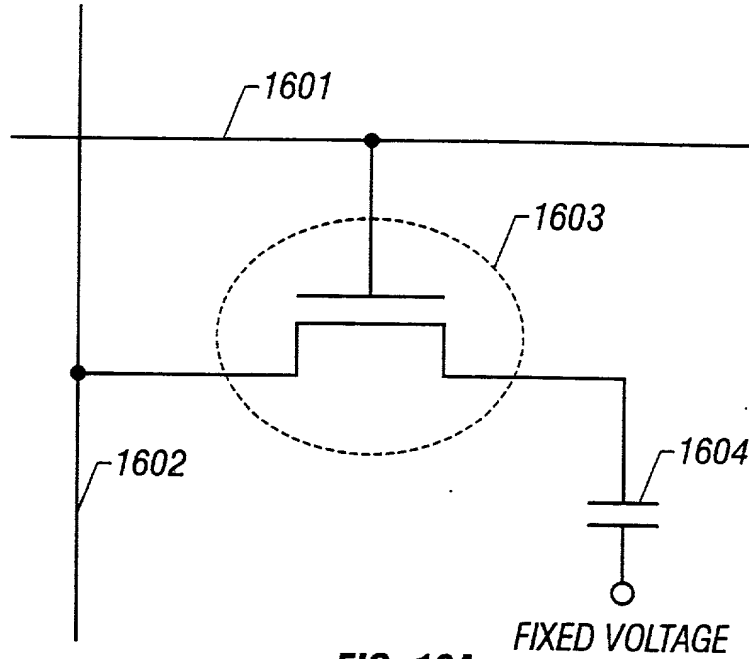


FIG. 16A

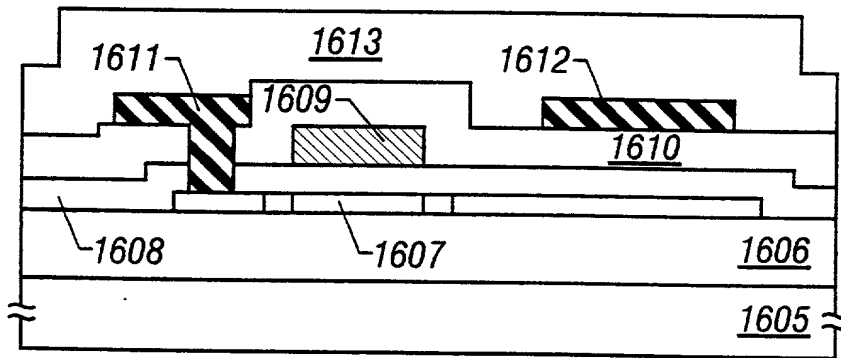
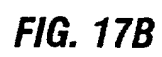
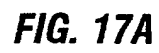


FIG. 16B



<b>ELEMENT</b>	<b>CONCENTRATION (ppm)</b>	<b>ELEMENT</b>	<b>CONCENTRATION (ppm)</b>
<i>Fe</i>	0.045	<i>Ca</i>	0.16
<i>Ni</i>	0.016	<i>Mn</i>	<0.001
<i>Na</i>	>0.005	<i>Al</i>	0.004
<i>K</i>	>0.004	<i>U</i> *2	<0.000031
<i>Ti</i> *1	<0.05	<i>Th</i> *2	<0.00016
<i>Mg</i>	>0.005	<i>F</i> *3	310
<i>Cu</i>	0.009	<i>Cl</i> *2	<0.73
<i>Cr</i>	0.003	<i>OH</i> *4	ND

**MEASURED BY POLARIZATION ZEEMAN FRAMELESS  
ATOMIC ABSORPTION**

\*1 ICP LUMINESCENCE ANALYSTS

\*2 RADIOCHEMICAL ANALYSIS

\*3 EPMA

\*4 IR ABSORPTION

**FIG. 18**



17/18

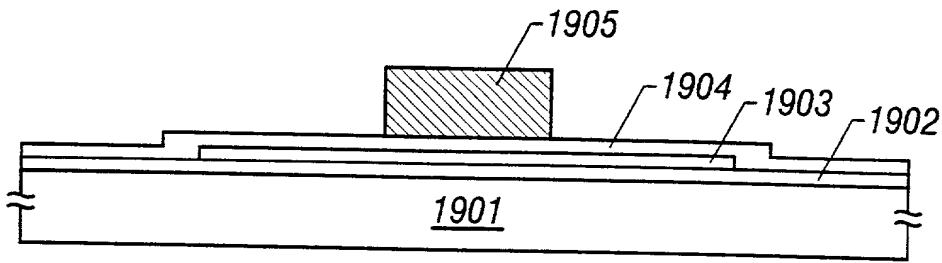


FIG. 19A

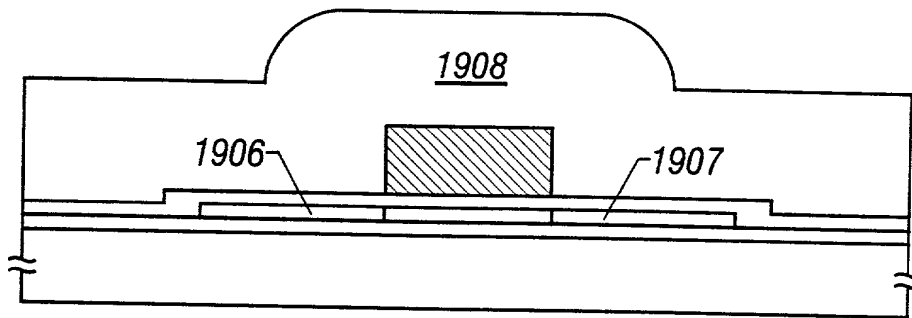


FIG. 19B

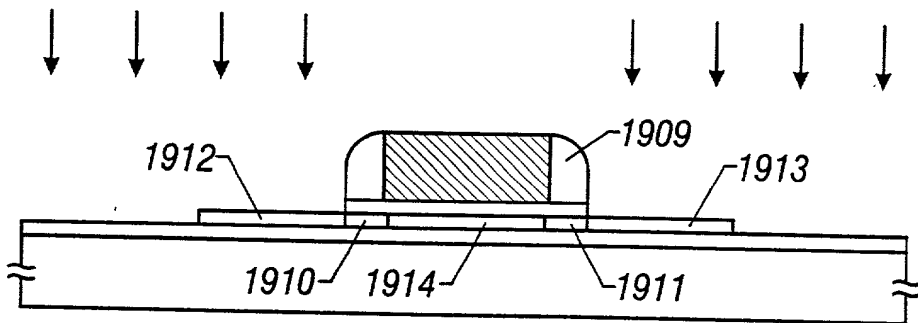


FIG. 19C

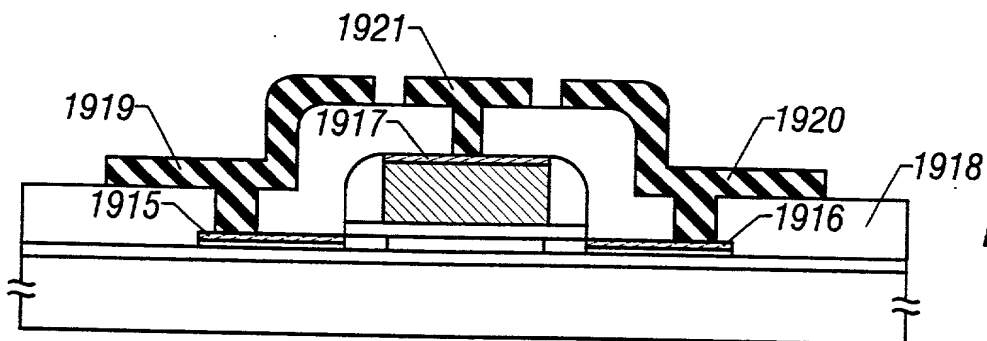


FIG. 19D

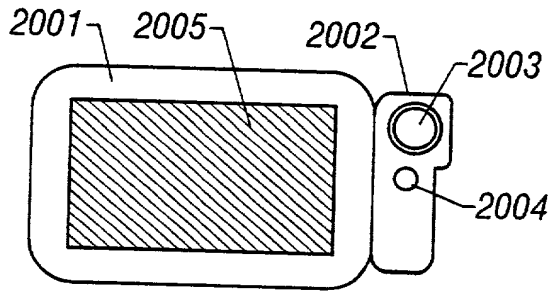


FIG. 20A

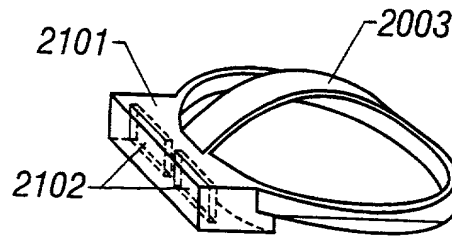


FIG. 20B

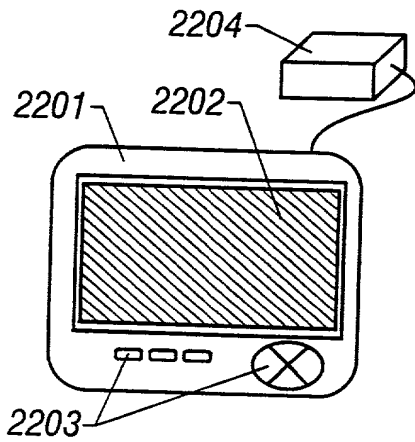


FIG. 20C

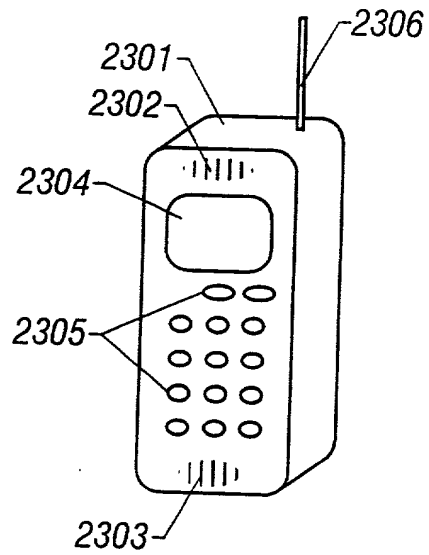


FIG. 20D

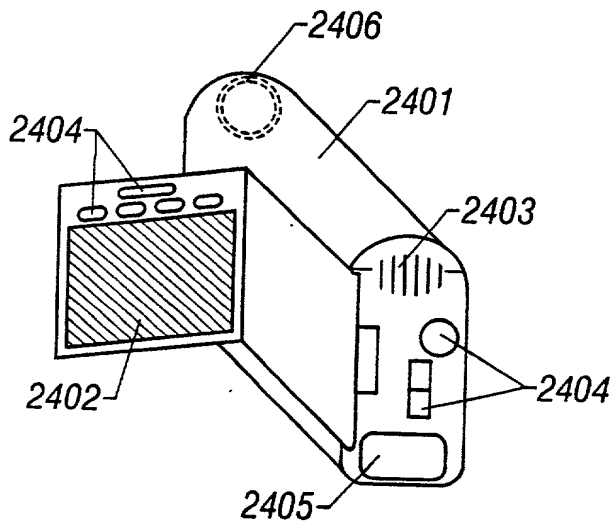


FIG. 20E

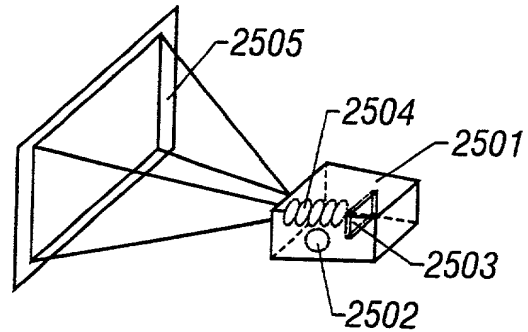


FIG. 20F